

memo



M/Sailer Viajero

Journal :

Humpback Whale/
Whaling History
course

(U. of California
Berkeley Extension),

LAHAWA, MAUI, HAWAII

1 - 8 March 1977

Kenneth W. Martin

(442)

Robert Victor

Journal

Hampden Wharf
Wharf History
course

(U. of California
Berkeley Extension)

San Francisco, March 1917

1 - 8 March 1917

Journal of the



1 March 1977 - Arrived

at Kaluluai, Maui:

weather fine with
intense N.E. trades.

landed about 2:30 PM,
proceeded by bus to

Lahaina & got settled
into the Pioneer Inn.

I am rooming with
Tom Storro-Patterson,
who organized and
is co-teaching the
course. The third in-
structor is William
Cummings, an

1 March 1955 - Arrived

at Columbus, Maine:
weather fine with
light N.E. breeze.

landed about 2:30 PM
proceeded by bus to

Lakewood & got settled
into the Pioneer Inn.

1 am rooming with
Lynn & Tamara. Paterson
who organized the
is co-facilitating the
series. The third ex-
hibitor is William
Cummings, an

3/1

acoustical biologist
from the Naval Undersea
Center, San Diego. Cummings
is Steve Leatherwood's
boss + is standing in
for S. L. Cummings
appears in the Time-
Life film After the
Whale, commenting upon
audio transmission
in whales.

The theater and
stone building of the
Lahaina Restoration Foundation
burned last week. We must
hold our lectures in the

from the Naval Museum

San Diego, California

is the largest

in the world

for S. L. Cummings

appears in the Time

Life film after the

Whole community upon

and is the

in the

The theater and

above building of the

historic foundation

found last week. We must

with our

courtyard of the [3/1]
Pioneer Inn or the
Lihaina Library. Both
spots have ambient
noise but will make
do.

Evening - Introductory re-
marks. Most students are
diffident ~~but~~ conservationists
altho 2 or 3 of the 27
expressed special interest
in history. (3/2: No one
seems interested in doing a
historical project, tho.) Cum-
mings gave a good introduction
which emphasized projects
and sensible on-board
attitudes. It is important
to C. to have organization.

31
compend of the
figures for the
Lancashire Library, 1881
spots have been
revised but will make
do.

Summary - Lancashire re-
marks. Most students are
difficult but conversation is
often 2 or 3 of the 25
agreed special interest
in history. (3/2: 40 are
common interest in design
Historical project, the (Cous-
sings gave a good introduction
which emphasized projects
and remarks and
attention. It is important
to C. to have organization.

(3/1+2)

My lecture
dealt with Anglo-Dutch
whaling, Yankee whaling, ~~and~~
the spread of these fisheries
to remote whaling grounds
and the whys & wherefores
of Lahaina's key role.
Not much specific detail
but many resultant
questions. (I was very sat-
isfied. ~~that this~~ this may
be the best group yet.)
Got to bed by 10:30 PM.

2 March 1977 | Main is
jumping with whale people.
There are 3 or maybe 4
film projects here right
now, 2 for upcoming

3/1/2

My father
 left with wife & child
 on ship, leaving
 the island of the
 to reach wharf
 and the ship
 of father's ship
 Not much
 but many
 questions. (over very
 is first. ~~that~~ after
 be the last group
 got to bed by 10:30 PM.

2 March 1977
 jumping with whole
 there are a number of
 follow projects here right
 now, a few upcoming

TV specials; one 3/2
is Lee Tepley's. Tepley walked
into the Pioneer breakfast
room. Roger Payne will arrive
next week, a huge 3-masted
motor sailer is at anchor
in the Hoadstead awaiting
his arrival. Joan McIntyre
is on Lanai, etc. etc.

Chuck Sutherland, pro-
prietor of The Whaler shop
on Front Street has invited
all of these types, plus local
& non-local ACS types, plus
our class, to a dinner
on Thursday, 3/3. It should be
interesting.

At 9:00 AM, Jim Luckey,
manager of the Lohaina Restoration
Foundation, took us on a walking

Foundation, took us on a walk
Manager of the Larkin Foundation
At 9:00 AM, Jim Larkin

interesting.
on Thursday, 3/3. It should be
one class, to a dinner
& new book ACS paper, plus
all of these topics, plus local
on First Street has invited
Printer of The Wheeler Shop
Chuck Larkin, pro-

is on leave, etc. etc.
has arrived. Don McLaughlin
in the neighborhood meeting
water table in 2 inches
rest well, a large 3-masted
room. Paper paper will arrive
into the Larkin Foundation
is the Taylor. Taylor walked
TV special; one

3/2

tour of Lahrana, which | 3 1/2
was terrific. We hit the
Old Jail (mid XIX century), the
royal graveyard, the Babbash
house (1834), the captain's
reading room, etc. Luckey
supplied a thorough
general view of Lahrana's
geology, meteorology,
history and commerce.

People were unusually in-
terested. In the afternoon
I complemented them with
a lecture on Lahrana
during the whaling boom,
using quotations from
whaling journals + XIX c.
publications (John Cleland,
John Martin, Gilbert

1884
Tour of Labrador, which
was finished. We left the
Old Fort (and its contents), the
rough ground, the Indian
house (1834), the remains
of the Indian house, etc. I
collected a few
specimens of
geology, meteorology,
history and commerce.
People were unusually
friendly to the afternoon
I accompanied them with
a lecture on
during the evening
using specimens found
whenever possible. X & C.
Publications (the Island
1884, 1885)

13/2

Pendleton, etc., and
Bennett & George Colburn
in print. Speaking of this;
I had a chance to read
parts of George Robinson's
ms. "A Voice from the
Sandwich Islands," which
I turned up at the Kendall
Whaling Museum 3 weeks
ago. This document, an
anti-Missionary polemic
of striking frankness, was
written while Robinson,
a whaler, was incar-
cerated at the Maui
Fortress in 1841. I read
part of it while we stood
in the prison yard this
morning. This was not the

in the morning. This was not the
part of it while we stayed
there in 1841. I read
collected at the Museum
a wholeman, was near
with white tobacco,
of striking tobacco, was
and. Morrison's paper
up. This document, an
Whiting Museum, 3 weeks
I found up at the Handel
Samburil "Handel" which
Mr. "A Voice from the
parts of George Robinson's
I had a chance to read
a part. Speaking of this;
Barnett + George Colburn
Handel, etc., and

3/2

slammer in which
Robinson ~~spent his~~ did
time for desertion, but
the locale seemed to
call for acknowledging
his effort. Robinson's
anti-establishment descriptions
were received by the class
with interest, following their
tour of the missionary home.

Evening commenced with
a long introductory lecture
by Bill Cummings: taxonomy,
descriptions, etc., w/ special
reference to humpback
whales.

MIGRATION CYCLE of $\left| \frac{3}{2} \right.$
S. FLORIDA

lactating cows w/ newborn
calves leave the breeding
area last, but are
among the 1st to leave the
feeding grounds,
coldwater p.e., they spend a
shorter time on the feeding
grounds than pregnant females.

Newly impregnated cows
leave warm waters first
& are last to leave the
cold water feeding grounds.

Southern Humpbacks
feed mostly on krill

~~XX~~

N humpbacks include
small fishes in diet:
smelt, herring, small
cod + salmon; + crustacean
krill.

3/2
MISCELLANEOUS
2. H. H. H.

lasted for some time
and then the weather
was last, but we
arrived the 1st to leave the
starting point, they spent a
few days on the way
ground than previous to
the trip. The trip was
very successful and
we had a very good
time. The trip was
very successful and
we had a very good
time.

~~the trip was very successful~~

the trip was very successful
and we had a very good
time. The trip was
very successful and
we had a very good
time.

Stomach Contents

based on Russian study
of N Pacific humpbacks:

Nothing but fish: 48.2%

Nothing but ^{bottom} ~~crustacea~~ 9.6

Fish + bottom ~~crust~~ : 10.6%

Nothing but krill : 2.1%

Behavior

Maximum recorded
speed : 16 knots under
harpoon stress. Far
above operational max-
imum.

Maximum dive : 30 minutes,
again under pressure.
Usual duration is several
minutes.

3/2

Stomach contents

based on 1000000 study
of 1/2 Pacific samples:

Nothing but fish : 48.5%

Nothing but crustaceans : 9.5%

Fish + bottom stuff : 10.5%

Nothing but shell : 2.1%

Behavior

Maximum recorded
Speed : 16 knots under
maximum effort. For
above operational use
in use.

Maximum fuel : 30 minutes
again under pressure.
Usual duration is several
minutes.

Almost no feeding on the 3/2
breeding grounds.

Sex + Reproduction:

9-10% more females
than males in both
hemispheres. Females
are larger. Sexual maturity:

♂ - 37 ft, ♀ - 39 ft

1 calf per 2-year. Oc-
casionally twins, 1 in 200.

Gestation is 11-11.5 months,
typical of large cetaceans.
Size @ birth - 14 to 15 feet.

Calves double size in 5 months.

Whole milk - 39% fat

47% water

14% "residue"; but
no sugar

Evening ended w/a quick talk
by me w/slides on Yankee whaling
technology

feeding
up me upstiles in
Barnard

as sugar
148 - 1000000; but
478 water
378 fat

Whole milk - 378 fat
Calves change size in 5 weeks.
Size @ birth - 14 to 15 feet.
Top of large - 11.2 months;
rotation is 11 - 11.2 months;

centrally turned, 1 in 20.
1 calf per 2 years. Or -
7 - 378, ♀ - 378

are larger: 2 equal weights;
hampshire. Fowls
than males in both
9 - 10% more females

Life & reproduction:

breeding periods
about as feeding on the 13/2

7:00

3/3

Breakfast w/ R S Patterson,
Jim Hudnall, Lee Tepley
and groupies. The general
topic of conversation at
most tables has to do w/
the whale scare + exploitation:
Are all these cameramen,
rubbernecks, whalewatchers,
etc. harassing the whales?
Whoever is talking ^{thinks} maybe
others are but he is not.
Also: what is harassment. It
sounds as tho NMFS and
coast guard is watching all this
stuff closely, apparently in an
effort to reduce the numbers of
joyriders, etc. Film crews come
out here like VIPs, latch onto
the guys who've been doing this
a while, like Hudnall, then co-opt
+ film those operations. By doing
this, the mass media types help
finance the serious ongoing

researchers, after they [3/3]
attempt, when filming, to arrange
a field work circumstantially.

It follows art. Is this document
ry? ABOARD M/S VIAJERO

8:20 steamed east of Lihaina
in calm swell. Occasional
sightings from 100yds to several
miles in all directions. C put over
hydrophones w/a broadcast speaker,
picking up a single whale song.
The sound played to the entire
company. Other whales faintly in the
distance. The wind picked up toward
midday. People started dropping
like flies: seasickness. Sightings
remained distant + stopped almost
altogether. Saw one group of
bottlenose dolphins in the channel.
Returned in fine weather about
3 PM.

3:30 - Meeting in courtyard: Cummings'
bioacoustical project group got
a lecture on hydrophonic
acoustics.

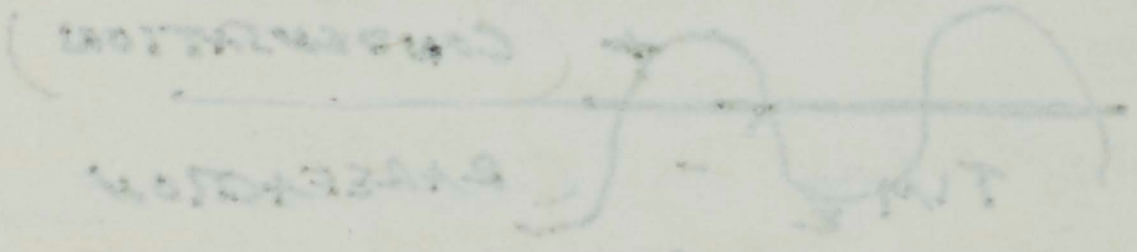
3/3

Hydrophobic :

of molecular
 interaction under pressure
 called area of contact.
 over in between are areas
 of repulsion. These are the
 from the to which a hydrophobic
 repulsion. The hydrophobic
 related to the varying molecular
 process, and not voltage
 common with pressure. The
 repulsion produces the additional
 change.

Wave length of sound $\lambda(A) =$
 Frequency of sound divided by
 velocity

$$A = \frac{v}{f}$$



Wave length λ

is higher the frequency the
 higher the sound.

Sound loss over

distances: dissipation due to spreading ($20 \log R$), + loss because of height of frequency scattering increases w/ frequency height. Also, conversion to heat + loss, + signal/noise ratio.

Echolocation? There is no evidence that baleen whales echolocate. All toothed whales probably do.

Comm? In ideal conditions, perhaps up to 1000 miles.

How many? Between 3 + 5 thousand

1200 in N. Pac

1000 in N. Atlantic

3000 in S. Hemisphere

EVENING - Big spaghetti party at Chuck Sutherland's, including all visiting film crews, Benji DeBuss of ACS, Jim Luckey etc. Good food, house jammed. Broke up about 9:00.

and low over
 the mountains. Disposition due to
 spreading (to top R), a low
 because of height of topography
 & cutting narrow up topography
 height. Also, comparison to last
 + low, + signal / note ratio.

Exhibition? There is no evidence
 that bottom which is indicated
 All bottom which is mostly flat.
 Cause? Is local conditions
 perhaps up to 1000 miles

This interval? Between 3 to 5 thousand
 1200 in N. 100
 1000 in N. 100
 800 in S. 100

Notes - Big graph: part of chart
 showing, including all existing data
 over 1000 feet of 100, 1000
 the first part, have present.
 Break up about 100.

3/4

Out at 8:15 AM. Steamed into mid-channel and later along Laysan East to White Manele Harbor. Almost everyone snorkeled. Prior to this, we clocked the breasting time and sound for a pod of 4 humpbacks (1 calf).

Afternoon got windy and very rough for the return trip. Saw few whales.

The big word used this year is 'super.' The main activity is wearing T-shirts with macho or tropical/nautical motifs.

3/14

Out at 8:12 AM. Stopped into milk
channel and later along lower
crest to White Horse Head.
Almost everyone remarked. Prior to
this we climbed the mountain
then and round for a part of
the day (1 calf).
Afternoon got windy and
very rough for the return
trip. Saw few whales.

The trip was most interesting
is 'easy'. The main activity
is moving T-shirts with water
on top of/under water.

3/5

Out at 8:15 in calm
sea that became choppy
in high winds off Maui in
midday. Hauled along the leeward
coast and timed a group of
3 (one calf). These swam in
circles around the drifting Viajero,
and once or twice the surfaced
very close. The winds became
strong, a steady 30 mph gusting
to 50 as winds broke through
the valleys to the leeward side.
Viajero sailed smartly
through all this. Returned
about 4:00 PM since high
wind prevented whale sighting.
Evening - Jim Hubnall showed
remarkable underwater slides
of humpbacks, as well as

Out at 8:15 in column
one that became choppy
high water of river in
choppy water along the bank
and found a group of
(one calf). These were in
water around the drifting logs
and over a fence the surface
was clear. The water became
choppy, a school of eight fish
was seen in water hole through
the netting to the lower side.
Fishes scattered over the
bottom all this. Following
about 4:00 PM one fish
with prominent white spots
swam a few feet from
unmistakable under the side
of the netting, as well as

about 15 minutes of
film footage. I lectured on
life aboard U.S. whalers.

Before dinner, Berni di
Bus of American Cetacean Society
bought Ronn, Captain Thompson
(Viajero) and me drinks at
the Pioneer's grog shop. She seemed
interested in reprinting my
article on whale attacks. But
prior to this she'd mixed me
up with Ken Balcomb so
it's hard to judge. Berni is
very sharp, vital and theatrical,
as I noticed during the Bergen
FAO conference.

Tomorrow we stay ashore.

about 15 minutes of
their footage. I lectured on
life around U.S. waters.
Before lunch Sam &
I of American Ocean Society
bought beer, Captain Thompson
(Major) and me looked at
the Pioneer's prop shop. The second
entirely in reported on
article on whale attacks. But
prior to this I had noticed an
article on the Biscuits in
his last to page. Sam is
very sharp, what and factual
in writing. I noticed the Bergen
to conference.
Tomorrow we stay over.

A delightful day. 3/6

Morning spent at the
Whaler's Village museum
which is integral to and
icing for the Kaanapali
shopping complex. All the
exhibits are outdoors. These
range from a sperm whale
skeleton hung over a reflecting
pool to an Azorean whale-
boat, and include lots of
whaling gear. The idea of
all this as a motif for
a bunch of posh shops sounds
tacky but in fact works
remarkably well. Glass cases
house ceramic models of
cetaceans. ~~The~~ Tile murals
of considerable + arty style
decorate walls.

A delightful day.
The morning spent at the
Western Village museum
which is interesting to and
near for the Keweenaw
digging camp. At the
excavations are excavated. There
range from a few white
shells lying over a reflecting
pool to an American wheel
barrow, and a whole lot of
interesting finds. The site of
at this is a most for
a number of good things found
ready but in fact a whole
amazingly well. Good bones
found in various parts of
excavations. The bones
of various animals & only a few
of the bones.

3/6

At noon had lunch with Chuck & Connie Sutherland of The Whaler. Very interesting. Dined at the Keanapali Beach Club & learned much about Lahaina's possibilities as a historic restoration site. The problem is the lack of historical knowledge within the Lahaina Restoration Foundation, which is inevitably linked with business promotion. Also; very little is known hereabouts about the early details of Lahaina — all the pertinent information is in places like New England Museums. But

3/2
The common had much
with clouds & some
land of the water. Very
interesting. One of the
back Club & several
about Lavinia's position
on a water's surface
of. The problem is the
lack of physical
within the same
Foundation which is
chief with human
operation. How; very like
I know hundreds about
the help of
all the
action is a
The English

3/6

the main problem
is a lack of steady
funding. The next project
will be the restoration
of the gutted but still-standing
Mariners' Hospital, built of
coral stone in the 1840s.

There is so much that could
be done with this place,
given money (which should
not be too hard to come
by) and talent. Labor is
as good as it is and
as untapped as it is be-
cause of its remoteness.
This is the middle of
nowhere.

Another wonderful spot

2/6

the main problem
is a lack of sharp
funding. The next project
will be the restoration
of the garden but still standing
remains: Hospital built of
Coral stone in the 1840s.
There is so much that could
be done with this place
primarily covered (which stands
at the top hard to come
up) and tolerant. I believe
it is good as it is and
is undisturbed as it is the
cause of its restoration.
This is the result of
careful.
Further wonderful spot

that's underdeveloped 3/6
historically in Lahaina
primary Halepai, built in
1836, which adjoins Lahaina
High School overlooking the
town. The place is in poor con-
dition but has a reproduction
press installed. The stone/stucco
building is in a lush setting
~~with~~ adjacent to stone
terracing and a small
canal. This place needs help.

Clark Sutherland drove
Ronn and me to
~~the~~ the windward side, where
we visited with Sam Kaei,
a part Hawaiian with a
substantial knowledge of
Polynesian history. He held
forth at length on Lahaina

before the whaling

3/6

era. Kaii runs a polynesian
shop at Kananapali + affirms
that remnants of a shoreside
tryworks were discovered
there during resort constructn.

He says also that whaling
was done elsewhere on
Mau. Humpbacks or
sperm? Difficult to say.

Both species were known
to the Islanders. Kaii
lives in a spectacular
house built on stone
terraces on a cliffside,
at the mouth of a
gorge which opens onto a
beach cove. The house,

Before the building
was built a large
bag of bones & other
fragments of a human
skeleton were discovered
there being no other
the rope also that was
was here observed on
March 1st. The bones on
March 2. Different to rope.
Both species were known
to the 1st. The bones
were in a special
house built on a hill
known as a cliff.
The mouth of a
cave which opens into a
valley.

of wood, suggests 3/6
Polynesian architecture tho it
is of wood with long
eaves, lanais and
glass walls. Inside is his
collection of polynesian
artifacts. He like Sutherland
had a lot to do with the
recent voyage of a sa-gony
canoe from Hawaii to
Tahiti. Kaci performed
a blessing ritual on that
vessel, and met her upon
her arrival in Tahiti.

Off duty tonight. Listened
to a ~~filken~~ + tape of
whale songs w/ sonograms
by Bill Cummings. Sam
Kaci + family attended

of wood, suggests
polymerization and structure the it
is of wood with long
chains, linear and
branched. Linear is the
collection of polymerization
artifacts. The like structure
had a lot to do with the
recent escape of a group
from Hawaii to
Tahiti. These performed
blowing ritual on that
island, and met her upon
her arrival in Tahiti.
off duty tonight. Listed
to a father & tape of
what songs of songbirds
and Bill Cummings. Some
family attached

the meeting. K. fascinated 3/6
the students, ~~but~~ and
came down heavily upon
the monied economics of
resource extraction for
profit, citing whaling and
tourism by Hales in Hawaii.
Efforts to get an organized
discussion going on modern
whaling + its consequences
were only partly successful.
People are saturated
by the intensiveness of this
course. Tomorrow is the
last day to observe
whales!

the meeting. K. L. ...
the children, ... and
some other family upon
the various resources of
resources. ... for
profit, ... and
... in ...
... to get an organized
... for ...
... the ...
... only ...
... are ...
... the ...
... the ...
... to ...
...

3/7
Viadero left about
8:15 AM. for what proved to
be a good day in the channel.
Sam Kaci showed up in a
Polynesian slicker made of
grass, a huge, bulky
cape that made him resemble
the world's largest kiwi.

Fine weather but stiff
trade winds blowing through
the mountain passes.
Cymbre Ferguson, manager of
Whalers' Village, was also
aboard. We stayed with
a group of 3 humpbacks
about 2 miles off Kaanapali.
One breached spectacularly
a very short distance

37
I have left about
8:15 AM. for what proved to
be a good day in the channel.
I am now about up in
the upper reaches of
the river, a large, bold
cape that marks the mouth
of the world's largest river.
The water is very
fast with a strong
the mountain ranges.
The river is very
shallow. The water is
a group of 3 islands
about 2 miles off shore.
The beach is very
very short distance

from the bow; then 3/10
repeated it 2 more times
for photography. The animal
spun laterally as it
breached almost ~~out~~ fully
out of the water, clockwise,
flippers flailing as it did!
So. What a sight! This
spectacle satisfied everyone
who might have had doubts
about how good the
whale watching was.

Shortly after this,
a Boston Whaler with
two Coast Guardsmen in
it zoomed up out of
nowhere & came
alongside. One CG man
said they'd received a

from the door; then
repeated it a more than
for photography. The animal
spun looking at it
overhead almost ~~and~~ fully
out of the water, character-
istically flailing as it did.
So. What a sight! The
spectacle excited everyone
who caught even the least
hint of the good the
whole watching was.
Thank you after this
Booker Water with
two good specimens in
the room up out of
the house & came
back. The C. C. man
and myself received a

[3/7]

complaint that
Vicjro was harassing
whales & causing them
to change course. This
was denied, of course.
The CG implied there would
be an inquiry when we
docked, but nothing further
happened. Everyone aboard
was incredulous and
insulted, especially Bill
Cummins, who said we'd
not gotten anywhere
near 50 yds from a
whale. I disagree with this,
but we have been most
scrupulous in leaving the
animals alone. The film

3/7

...that ...
...was ...
...& ...
...course ...
...of ...
...the ...
...in ...
...but ...
...about ...
...and ...
...Bill ...
...will ...
...not ...
...near ...
...with ...
...have ...
...the ...
...The ...

crews may have been 3/7
otherwise: how else ~~do~~ ^{are}
they to get closeups?

In the late afternoon,
returned to Lahaina. Students
organized their data for
presentation. The bioacoustical
group got fine recordings
and a lot of input
from Cummings. The group
measuring breathing rhythms
had lengthy discussions
with a steady stream
of information, tho I'm
not sure what value that
exercise has except ~~to~~ as
a field practice exercise.

3/7

The group observing for individual recognition had the hardest time since we were seldom very close to whales. And when they turned flukes we were likewise in the wrong spot (usually) to observe color patches, the most distinctive individual characteristic. This has been a very industrious, serious group.

Evening: A final dinner — together, at Longh's on Front Street. Much good times + good food. The restaurant was selected by a self-appointed organizer.

37

The group showing
for individual recognition
had the hardest time
those we were shown
very close to what they
when they found flukes
we were familiar in the
group that (usually) to
observe color patches, the
most distinctive individual
characteristic. This has been
a very distinctive, serious
group.

Example: a final dinner
together, at Loughlin on
Rock Street. Very good
there a good food. The
restaurant was selected by
self-appointed organizers

in the group who
was dissatisfied
with Roun's choice of a
restaurant. During the
meal I was called out
to compare notes with
Ed Shallenberger (director
of Sea Life Park) + Roy
Nickerson (author of the
brand new, elementary
Brother Whale) on
whether or not humpbacks
used to be hereabouts.

later I met Prof. Lou
Herman of the University
of Hawaii, who has done
the most research on

3/4

3/11

in the group who
was identified
with some class of
movement. During the
meal I was called out
to compare notes with
Ed Hallberg (Director
of Sea Life Park) & Roy
Nicherson (author of the
book now, Elementary
Brother White) on
whether or not humpbacks
used to be humpbacks.
After I met Prof. Lee
Herman of the University
of Hawaii, who has done
the most research on

This. Homan is sure 3/7
that by the 1860s
the whales were here,
there were 3 shore
whaleries on Maui. One
some distance east of
town. Who knows?

People were stunned
upon finishing the meal,
to learn the ~~tip~~ tab
was \$24. - a person!
Sort of a sampler on a
good farewell evening.

3/7

This. Thomas is one
that by the 1880
the whole were
there were 3 share
wholes as Marie. One
some distance east of
four. Who knows?

People were stumped
upon finding the way
to leave the top of
was \$24. - a person!
lot of a longer or a
good harvest evening

3/8

I was responsible for herding the students from Lahaina to Kahului to Honolulu to Sea Life Park to the airport. This all took place w/o incident.

At Sea Life Park we were shown the holding-training tanks for marine mammals — bottlenose, spinner, a new pseudorca, sea lions, etc. Ingrid Kang made a very brief appearance. We also got a backstage look at a sea turtle.

3/8

I was responsible for
leading the students from
Lahore to Kohistan to
Kashmir to 2nd Life Park
to the airport. This all
took place w/o incident.
At 2nd Life Park
we were shown the
holding-training tanks for
various mammals —
bottlenose, spinner, a new
psuedodon, sea lion,
etc. Irid lamp used
a very brief appearance.
We also got a backstage
look at a new feature

hatchery. Took in 3/8
the reef tank and
the dolphin show +
piled on the bus for the
airport. People all seemed
relaxed - tired actually,
me too - and more than
willing to kiss off
whales + whaling for
awhile. Thank god I
have a few days'
vacation to forget
the subject. What awaits
in Sharon?!

Got aboard a
Western AL 767 at
3:30 for an uneventful
flight home. Arrived

12/8 Took in

the staff took and
the telephone down +
gated on the bus for the
airport. People all seemed
relaxed - tired actually,
me too - and more than
willing to kiss off
advice + advice for
advice. Thank you!
have a few days
vacation to forget
the subject. What about
in Stranor?

for about a
week at 105 at
3:30 for an interview
this night. Home.

SHAW-KERNER



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Square,
San Francisco,
2/27/77



